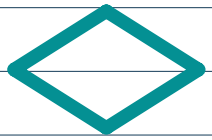
Flow Chart

Saturday, August 28, 2021 6:13 AM

Flowchart

Pictorial Or Grapatical Representation Of Algorithm

Shapes In Flowchart

Shapes	Keywords
	Start / End
	Output / Print / Input
	Assignment, Calculation N = 5
	Conditions / Loop (with Arrow)
	Assignments Related To Functions Or Caling Function Or Procedure.

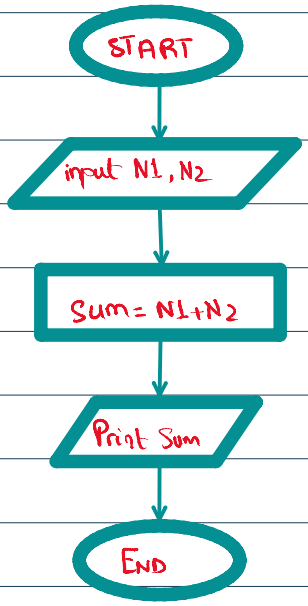
Case 1 : Flowcharts Basic Without Loop

Input 2 numbers and print the sum.

Input N1, N2

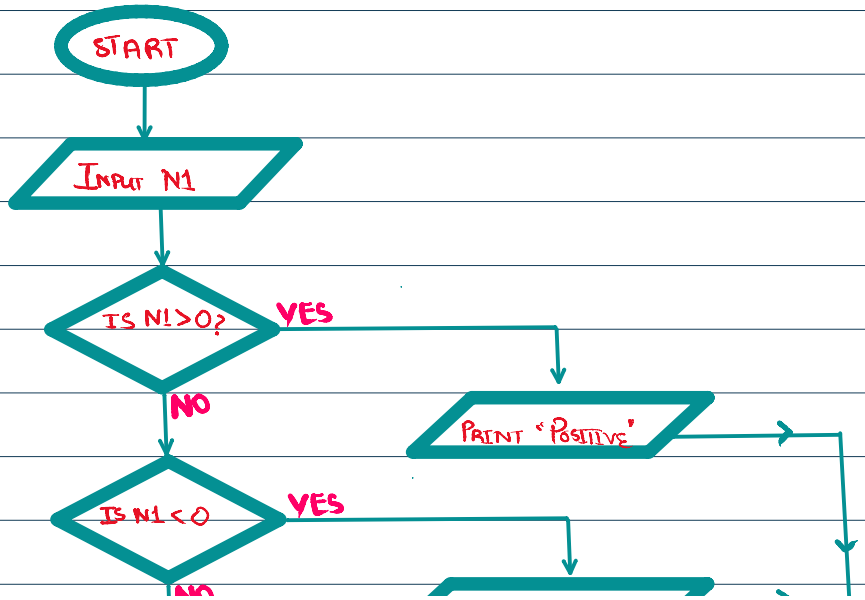
Sum = N1+N2

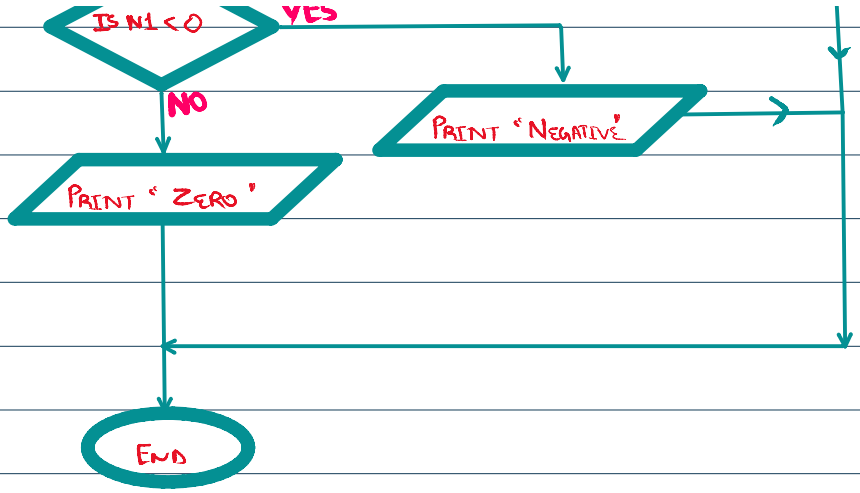
Print Sum.



Case 2: Flowcharts With Condition

Input a number and print if it is positive, negative, zero.

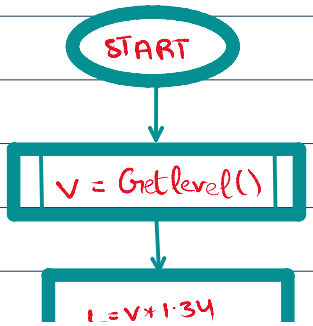


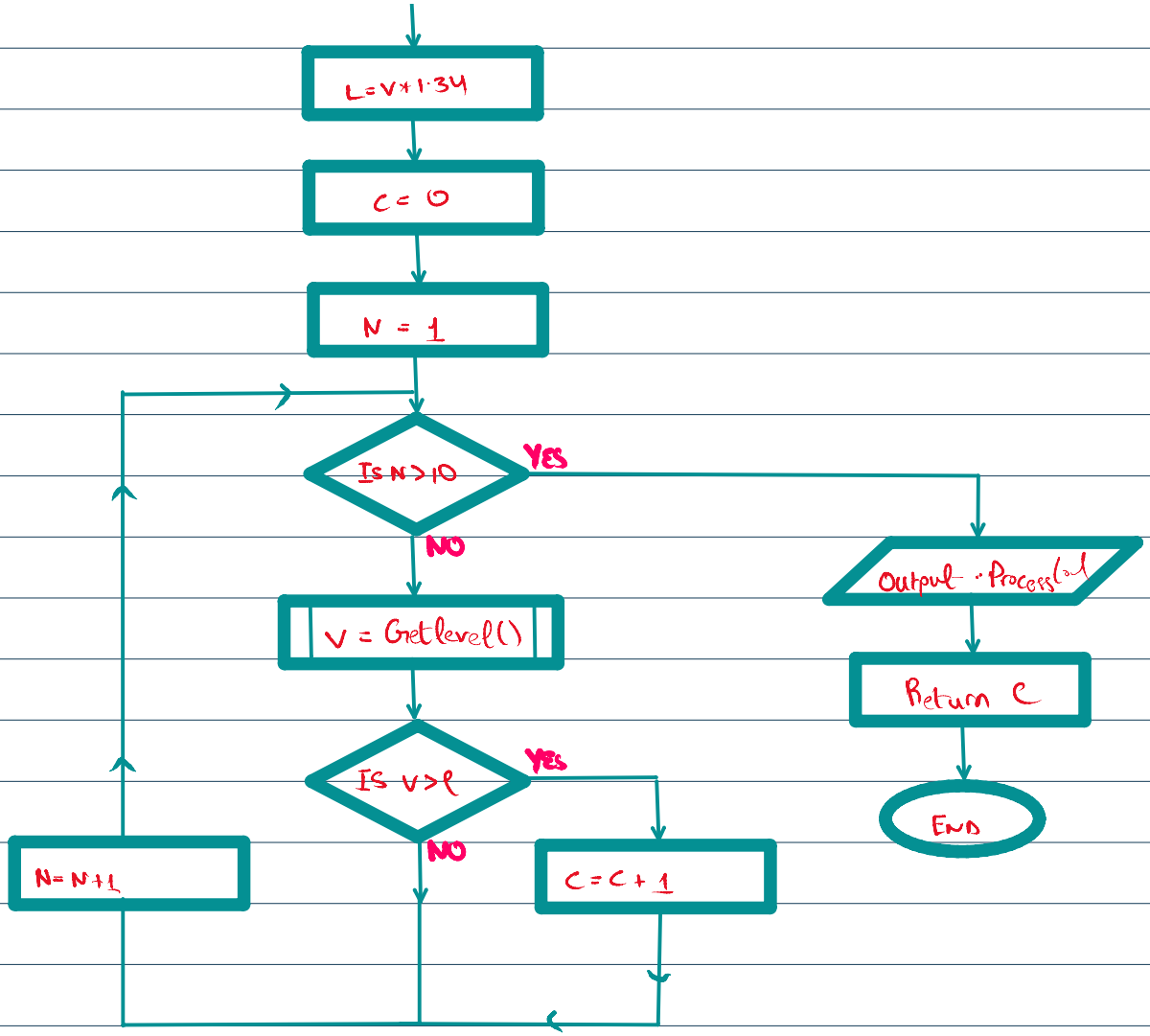


CASE 3 : FLOWCHARTS WITH LOOP

1 Study the following pseudocode.

```
FUNCTION Search() RETURNS INTEGER
   DECLARE N, C : INTEGER
   DECLARE V, L : REAL
   V ← GetLevel()
   L ← V * 1.34
   C ← 0
   FOR N ← 1 TO 10
      V ← GetLevel()
      IF V > L
         THEN
            C ← C + 1
      ENDIF
   ENDFOR
   OUTPUT "Process complete"
   RETURN C
ENDFUNCTION
```




L=V+1.34
C = 0
N = 1
Is N>10
YES
NO
V = Getlevel()
Is V>L
YES
NO
C = C + 1
N= N+1
Output ← Process(C)
Return C
END